

Title (en)  
SNAP-IN CONNECTING DEVICE FOR TWO INTERLOCKING PARTS

Publication  
**EP 0335778 A3 19920805 (FR)**

Application  
**EP 89400818 A 19890323**

Priority  
• FR 8803933 A 19880325  
• FR 8816133 A 19881208

Abstract (en)  
[origin: EP0335778A2] Snap-in connecting device for two parts of any shape interlocking, perpendicularly to their connecting surfaces, by means of at least one member projecting from the connecting surface of one of the parts, after slight deformation of this member in a recess in the connecting surface of the other part, said projecting member being made to catch, by its elastic resilience onto a portion of the surface of said recess. <?? >According to the invention, inside the device a means (9, C) is formed which is designed, when operated, to part said catching projection (8, 41) from the portion (7, 43) on which it is caught, against the elastic return force of said projection, and means are provided to operate said parting means from the outside of the device. <IMAGE>

IPC 1-7  
**F16B 5/06**

IPC 8 full level  
**E04B 1/38** (2006.01); **E04B 1/58** (2006.01); **E04B 1/61** (2006.01); **E04B 2/74** (2006.01); **E05B 51/02** (2006.01); **F16B 5/00** (2006.01); **F16B 7/22** (2006.01); **E05C 19/06** (2006.01); **F16B 1/00** (2006.01)

CPC (source: EP US)  
**E04B 1/6137** (2013.01 - EP US); **E05B 51/02** (2013.01 - EP US); **F16B 5/0016** (2013.01 - EP US); **E05C 19/06** (2013.01 - EP US); **F16B 2200/91** (2023.08 - EP US); **Y10T 403/22** (2015.01 - EP US)

Citation (search report)  
• [A] US 4184302 A 19800122 - GUREWITSCH ANATOLE M [US], et al  
• [A] EP 0161958 B1 19900912  
• [A] US 3971580 A 19760727 - TANTLINGER KEITH W, et al  
• [A] FR 2269281 A5 19751121 - GABARRA ANDRE [FR]

Cited by  
CN111636579A; US5244291A; GB2273542A; GB2273542B; US10259069B2; WO2023152381A1; EP0979953A1; FR2782349A1; US9611656B2; US10156078B2; US10233653B2; US10626619B2

Designated contracting state (EPC)  
BE CH DE ES FR GB IT LI LU NL

DOCDB simple family (publication)  
**EP 0335778 A2 19891004**; **EP 0335778 A3 19920805**; **EP 0335778 B1 19941026**; CA 1339048 C 19970729; DE 68918973 D1 19941201; DE 68918973 T2 19950524; ES 2096562 T3 19970316; JP 2818837 B2 19981030; JP H02104838 A 19900417; US 5102253 A 19920407

DOCDB simple family (application)  
**EP 89400818 A 19890323**; CA 594624 A 19890323; DE 68918973 T 19890323; ES 89400818 T 19890323; JP 7366589 A 19890324; US 58125990 A 19900813